

NEW UNITED STATES UTILITY PATENT APPLICATION TRANSMITTAL

Atty. Docket No.: 17633/2005

CERTIFICATE OF MAILING UNDER 37 CFR 1.10

I hereby certify that the paper (and any paper or fee referred to as being enclosed) is being deposited with the United States Postal Service using Express Mail to Addressee Service, under 37 C.F.R. Section 1.10, **Express Mail Label No. EV242754152US** on this date, **December 22, 2003**, postage prepaid, in an envelope addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Matthew Beudet

Name of Person Mailing Paper

Signature of Person Mailing Paper

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

16018 U.S. PTO
10/743643**Enclosed herewith is a new patent application of:**

First Named Inventor (or application identifier): ~ Woolf, et al.

Title of Invention: NUCLEOTIDE AND AMINO ACID SEQUENCES INVOLVED IN PAIN

Type: ☐ New
☐ Continuation of:
☒ Continuation-in-Part of: 10/219,051
☐ Divisional of:
which is hereby incorporated by reference in its entirety into the application filed herewith;

and includes the following papers:

1. ☒ Specification 981 pages (including specification, claims, abstract)/ 46 claims (18 independent)
2. ☒ Declaration/Power of Attorney is:
☐ Executed ☐ Unexecuted ☒ Executed copy from Parent Application
☐ NOT included, but deferred under 37 C.F.R. § 1.53(f).
3. ☒ 4 Distinct sheets of ☐ Formal ☒ Informal Drawings
4. ☒ Application Data Sheet
5. ☐ Preliminary Amendment.
6. ☐ Information Disclosure Statement
☐ Form 1449 ☐ A copy of each cited prior art reference (as necessary)
7. ☐ Assignment with Recordation Cover Sheet.
8. ☒ Priority is hereby claimed under 35 U.S.C. § 119 based upon the following application(s):

Country	Application Number	Date of Filing (day, month, year)
US	60/312,147	August 14, 2001
US	60/346,382	November 1, 2001
US	60/333,347	November 26, 2001

9. ☒ Priority is hereby claimed under 35 U.S.C. § 120 based upon the following application(s):

Application Number	Date of Filing (day, month, year)
10/219,051	August 14, 2002

10. ☐ Priority is hereby claimed under 35 U.S.C. § 121 based upon the following application(s):

NEW UNITED STATES UTILITY PATENT APPLICATION TRANSMITTAL

Atty. Docket No.: 17633/2005

Application Number	Date of Filing (day, month, year)

The above applications from which priority is claimed are hereby incorporated in their entirety into the application filed herewith.

11. ☐ Priority document(s).
12. ☐ Microfiche Computer Program (Appendix).
13. ☒ Nucleotide and/or Amino Acid Sequence Submission.
 ☒ Computer Readable Copy - 3 copies.
 ☐ Paper Copy (identical to computer copy).
 ☒ Statement verifying identity of above copies.
14. ☐ Request for Non-Publication and Certification under 35 USC 122 (b)(2)(B)(i)
15. ☒ Statement of Small Entity Status, Pursuant to 37 C.F.R. §1.27.
16. Calculation of Fees:

FEES FOR	TOTAL CLAIMS	EXCESS CLAIMS	FEE	AMOUNT DUE
Basic Filing Fee (37 C.F.R. § 1.16(a))				\$770.00
Total Claims in Excess of 20 (37 C.F.R. § 1.16(c))	55	35	\$18.00	630.00
Independent Claims in Excess of 3 (37 C.F.R. § 1.16(b))	18	15	\$86.00	1,290.00
Multiple Dependent Claims (37 C.F.R. § 1.16(d))	Yes		\$290.00	290.00
Subtotal - Filing Fee Due				\$2,980.00
Reduction by 50%, if Small Entity (37 C.F.R. §§ 1.9, 1.27, 1.28)	MULTIPLY BY 0.50			\$1,490.00
TOTAL FILING FEE DUE				\$1,490.00
Assignment Recordation Fee (if applicable) (37 C.F.R. § 1.21(h))	0		\$40.00	
GRAND TOTAL DUE				\$1,490.00

17. PAYMENT is:
☒ included in the amount of \$1,490.00 by enclosed authorization for Commissioner to charge the filing fee (and any deficiencies in the fees) to Deposit Account 16-0085, Ref. 17633/2005, found on the transmittal letter filed herewith.
☐ not included, but deferred under 37 C.F.R. § 1.53(f).

18. All correspondence for the attached application should be directed to:

Kathleen Williams
Customer Number 29933
 111 Huntington Avenue
 Boston, MA 02199-7613

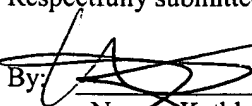
19. Other: _____

Respectfully submitted,

Date:

December 22, 2003

By:

Matthew Brandt

 50,649; signing for
 Name: Kathleen Williams
 Registration No.: 34,380

Atty. Docket No.: 17633/2005

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:	Woolf, et al.
Serial No.:	Not Yet Assigned
Filed:	December 22, 2003
Entitled:	Nucleic Acid and Amino Acid Sequences Involved in Pain

CERTIFICATE OF MAILING UNDER 37 CFR 1.10

I hereby certify that the paper (and any paper or fee referred to as being enclosed) is being deposited with the United States Postal Service using Express Mail to Addressee Service, under 37 C.F.R. Section 1.10, **Express Mail Label No. EV242754152US** on this date, **December 22, 2003**, postage prepaid, in an envelope addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Matthew Beaudet

Name of Person Mailing Paper

Signature of Person Mailing Paper

**Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

TRANSMITTAL LETTER

Enclosed for filing in the above-identified patent application, please find the following documents:

1. New Patent Application Transmittal;
2. Patent Application, (981 pages);
3. Copy of Executed Declaration & Power of Attorney from parent case;
4. (4) sheets of informal drawings of Figs 1-3;
5. Three (3) CD-ROM disks containing the Sequence Listing submitted under 37 C.F.R. §1.53(e); the content of each CD-ROM is identical and is as follows;

Machine Format: IBM-PC

Operating System: MS-Windows

Files Contained: Formal_sequence_listing2ndappl.txt

Size: 7.56MB

Date of Creation: December 19, 2003

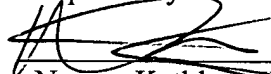
6. Application Data Sheet; and
7. Return Post Card.

Pursuant to 37 C.F.R. § 1.27, Applicant claims small entity status.

The Commissioner for Patents is hereby authorized to charge the requisite filing fee of \$1,490.00 and any additional fees or credit any overpayment in the total fees to Deposit Account No. 16-0085, Reference No. 17633/2005. A duplicate of this transmittal letter is enclosed for this purpose.

Date: December 22, 2003

Respectfully submitted, *Matthew Beaudet*

 50,649 is signing for

Name: Kathleen Williams

Registration No.: 34,380

Customer No.: 29933

Palmer & Dodge LLP

111 Huntington Avenue

Boston, MA 02199-7613

Tel: 617-239-0100